# Falk LUX 22 + 32

To provide optimum customer support, Falk has set up a service centre which handles all aspects relating to warranty claims and repairs.

If you have any questions relating to a guarantee and warranty claim, please contact the technical hotline:

**+49 1805 - 00 32 33**
(0,14 € / min. from a German landline,
mobile prices may vary, max 0.42 € / min.)
or by e-mail via our contact form:

http://www.falk-outdoor.com/en/service-en/contact.html

In the event of a technical defect occurring within the guarantee period, you can also register the device for a free repair on the following website:

http://www.falk-outdoor.com/en/service-en/guarantee-processing.html

United Navigation GmbH
Marco-Polo-Str. 1
D - 73760 Ostfildern

www.falk-outdoor.com Changes/errors excepted FMI-9620

## MY CIRCUIT

Via the function „Plan tour" you can call up the feature **„my circuit"**.

You can now plan a circuit either from your **current position** or from any **other point** you want, such as a POI, a city or your home address.

As a next step, you can set your desired **parameters**. This may for example be the desired **distance** or you can also restrict the **duration** of the circuit.
It is possible, for example, for you to enter 20 km, or correspondingly 3 hours.

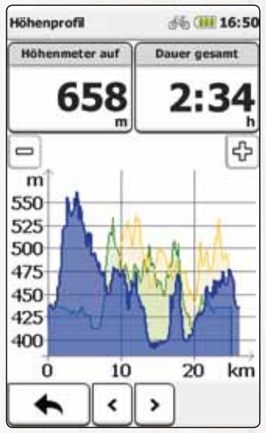
In a next step, you are asked what **activity** you are performing. If you are out cycling and you want to do a circuit, click on „Bicycle"; if you are out walking, click on „Pedestrian".

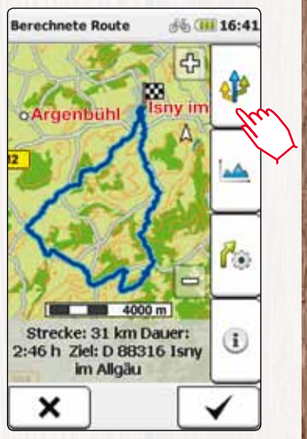
You can now select what **your circuit** should look like. For example, if you would prefer to plan a more sporty route, then click on „Hilly"; if you would prefer not to climb too many hills, then click on „Flat".
Once you have done this, you can now stipulate what type of routes you would mainly like to travel on. For example, you can set it so that you will be guided primarily along cycle paths.

## MY CIRCUIT

**Note:** Setting the preferred transport routes means that correspondingly selected transport routes will be given **priority** in the route calculation. For example, if „Avoid road traffic" is selected, the device will mainly calculate a route which tends not to run along roads. It is of course not possible to prevent this entirely because sometimes the use of roads is unavoidable to continue the route of a tour.

You are now ready to set off - your circuit is calculated and is shown to you on the screen. If you click on the „Altitude profile" button, you can now display the altitude model for your tour. If your **favourite route** is not yet shown, you have the option of clicking on the „Alternative routes" button to calculate two further routes.



# QUICK START GUIDE

## TRAVEL GUIDE *

Your device is equipped with an interactive travel guide. This allows you to explore a large number of **places of interest**. Depending on the destination, lots of interesting information may be available.

Tap on the main menu on Extras > „Travel Guide".

You must first stipulate a search centre around which POIs are to be searched for. This may for example be your **current location** or a **city**.

The POIs are divided up into categories. Select one of the **categories** or tap on „All categories" to select from a list containing all categories. If under „All categories" you tap on „All" at the top, all categories are selected.

Once you have selected the category, the POIs are displayed in a list. They are sorted according to their **distance** from your search centre.

If you tap twice on a POI in the list, you will see the **detailed** view for this POI with all of the available information.

Click on the „OK tick" to start the route calculation to the selected POI.

Tip: Via the **„Sort"** button in the list with POIs you can have the POIs sorted according to different criteria. You can use the „ABC" button at the bottom to enter text to search for POIs containing this text.

* applies to LUX 32

## GEOCACHING

FMI geocaching is a **modern form of treasure hunting** via geocoordinates. Objects are hidden and the coordinates of the hiding place are published on the internet. These geocaches can then be searched for by other people.
The size of the cached objects and the degree of difficulty of finding them vary.

Your device is equipped with comprehensive functionality for **paperless geo-caching**. To transfer geocaches to your device, register on a geocaching site on the internet (e.g. www.geocaching.com).

You can then save geocaches on your PC and transfer them to your device via the **Falk Navi-Manager** software. You can obtain the Falk Navi-Manager as a free download at:
http://www.falk-outdoor.com/en/service-en/falk-navi-manager.html

You can find further information about geocaching and operation in the detailed user manual which is available for you to download at
http://www.falk-outdoor.com/en/service-en/manuals.html

**Note:** For geocaching, it is essential that under „Settings > Map display" you should disable the function **„Position on street"** so that you can reach the precise location of the geocache on all terrain. For cycling or hiking, make sure you reactivate the function „Position on street".

## GEOCACHING

Before using the geocaching function, you must **transfer** geocaches to your device (e.g. from the internet portal Geocaching.com). Tap in the main menu on „Geocaching" and select „Search for geocache".

You must first stipulate a **search centre** around which geocaches are to be searched for. This may for example be your current location or a POI.

If you have transferred geocaches around your current search point to the device, they are displayed in a list sorted according **to distance**.

Briefly tap twice on the geocache you want to call up the **detailed view**. There you will be shown information about the cache and its description. You can have the geocache or the waypoints displayed on the map or under **„Options"** add waypoints or comments or display the instructions. Start the cache by clicking on the „OK tick".

Once you arrive at the cache, here you are shown an action button via which you can perform further actions (e.g. logging).

You can find **further information** about geocaching and operation in the detailed user manual which is available for you to download at
http://www.falk-outdoor.com/en/service-en.html

## TRACK-MANAGER

The Track Manager shows **all** of the tracks which exist on the device.

You can also **record your own tracks** so that you can retrace a route you have travelled at a later date.

To do this, tap in the main menu on „Track manager".

starts the recording

interrupts the recording

Pressing again on:

continues the recording

ends the recording and saves the track.

You will then find the recorded tracks in the list in the Track Manager. To view a track, tap twice on the corresponding track.

## ADDITIONAL MAPS / FALK NAVI MANAGER

Depending on the product version (LUX 22 or LUX 32), „Basic Maps Plus" and „Premium Outdoor Maps" are pre-installed on the LUX.

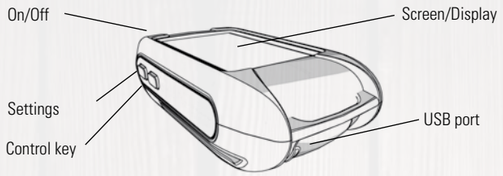
A selection of Basic Maps Plus is already installed on the devices.
Additional maps of Europe can be uploaded to the device **free of charge** via the Falk Navi Manager.

With the free Falk Navi Manager programme, you can manage your LUX and retrace your recorded tracks including altitude and speed diagrams.

You will find the Falk Navi Manager at the following address:
http://www.falk-outdoor.com/en/service-en/falk-navi-manager.html

You will find additional, interesting content for your device on websites such as www.gpsies.com, one of the biggest tour and track portals on the Internet.

## DEVICE DESCRIPTION



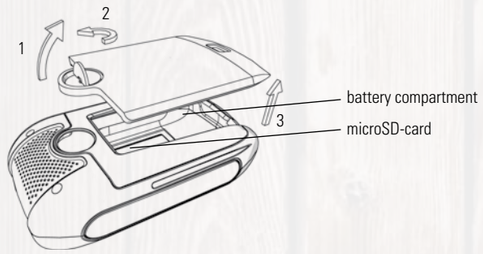

On/Off → Switches the device on.
If „On/Off“ is pressed during use, the following options are available:

- Keylock → Activates or disables the display lock
- Screen → Switches off the display to save power. However, ongoing navigations and track recordings remain active.
- Stand-By → Switches to stand-by mode.
- Switch off → Switches the device off completely.

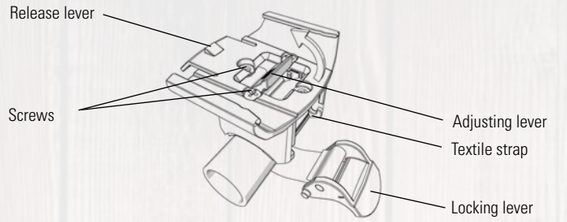
Settings → For changing the volume and brightness

Control key → Starts and pauses the track recording

Opening the battery compartment:




## FITTING TO BICYCLE – PROCEDURE

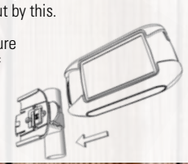



1. Screws → To attach to the stem, undo the screws, rotate the bracket trough by 90 degrees and screw it tight again.
2. Place bracket onto the handlebar or stem.
3. Locking lever → Insert the studs on the side of the locking lever into the bracket, but do not close the lever.
4. Adjusting lever → Pull the adjusting lever up to open it, press down to close and thus fix the strap at the desired length and lock it in place.
5. Textile strap → Attach the textile strap on the inside by pulling it to the correct length for the handlebar or stem. Make sure when you do this that the textile strap is pulled tight so that the strap is taut around the handlebar/stem. Close the adjusting lever.

**IMPORTANT:** Press any protruding textile strap fully into the bracket so that it does not get in the way of or block the locking lever which is subsequently locked in place.

6. Locking lever → Close the locking lever and lock it in place. The textile strap must be made taut by this.

Slide the device into the bracket from the front and make sure that it is inserted correctly into the guide rails at the side of the bracket. The device can be heard to lock in place in the bracket. To release the device from the bracket, press the release lever down and slide the device out of the bracket.



## IMPORTANT INFORMATION

Make sure you observe the following safety instructions in order to prevent accidents or serious injuries:

- This navigation device for **outdoor use** is merely an **orientation and navigation** aid which cannot be a substitute for making a sensible assessment of the situation you are in. Please in any event note the particular characteristics of the terrain and the routes you are using. Do not follow any routes or suggested routes which would entail a dangerous or illegal form of riding or would place you in a dangerous situation.
- The **road traffic regulations** must be complied with at all times, for example when cycling, and have priority over the routes of the navigation device.
- Never operate the navigation device while riding and do not allow yourself **to be distracted** by the device while riding.
- Please note that United Navigation does not accept any **liability** for any damage caused by the device/bracket becoming detached from the bicycle.
- The **map data** which is used may include inaccurate or incomplete data. You should therefore check the calculated route to see if it makes sense and choose your own alternative route if necessary.

**CAUTION:**
The navigation device is **not** suitable for use as a vehicle navigation system!

Battery notes:

- Do not use any sharp objects to remove the batteries.
- Do not attempt to open the batteries.
- Note the statutory regulations governing the disposal of the batteries.
- The batteries which are supplied are not rechargeable batteries, so do not attempt to recharge them.

Operating temperature: The maximum operating temperature is -10°C to 60°C.

## GETTING STARTED

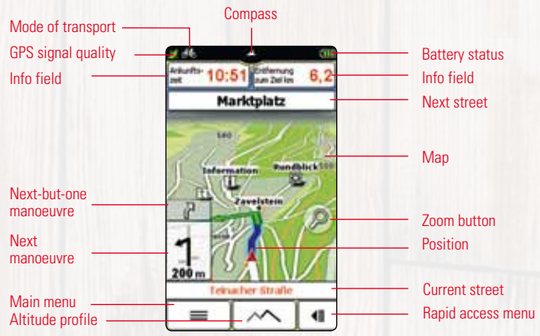
Insert the batteries: To open the battery cover, turn the silver fastener anticlockwise and pull it up so that the cover of the battery compartment is removed. Insert the batteries and make sure that **the poles are aligned correctly**. Place the battery cover back on and close it by turning the silver fastener clockwise. Now switch on your navigation device. Depending on which type of battery you are using, you must select the battery type under „Settings > System/General > **Battery type**“. This is important to adapt the device optimally to the battery type and thus to achieve the maximum run time from the battery.

**IMPORTANT NOTE ON BATTERIES:**
You can use alkaline, lithium batteries or rechargeable NiMH batteries of the AA type. Please note that rechargeable batteries **cannot be charged up** in the device, not even if you use a mains charger cable. Excessively high lighting of the display (e.g. over 50%) will reduce the run time of the batteries. Batteries are very sensitive to temperature. In cold conditions, the run time of the batteries is therefore greatly curtailed. Optimum results are achieved at around 20°C. If the battery is weak, the screen is dimmed and the loudspeaker output is reduced. To ensure **the longest possible** battery run time, beep output is recommended. When using rechargeable batteries, please follow the manufacturer's instructions on use to ensure the maximum capacity of the rechargeable batteries.

## INITIAL SETTINGS

1. Start the device.
2. Select the **language** you want.
3. Select the **country map** you want.
4. Acknowledge the note on **calibration** of the sensors by clicking on the „OK tick“.
5. Enter your **home address**. You could then select this at a later date with just one click to be navigated back home directly. You can change the address which is entered at any time via „Settings > System/General > Set Home“.
6. Switch to the **main menu**.
7. Carry out the calibration of the compass via „Settings > System/General > Calibrate **Compass**“ and follow the instructions of the device. You must repeat the calibration when the compass needle is shown in grey in the title bar of the map view.
8. Carry out the calibration of the barometer via „Settings > System/General > Calibrate Compass“ and follow the instructions of the device. Please note that, to obtain **optimum values**, you should carry out the calibration process again before each walk/bike ride.

## OUTDOOR NAVIGATION VIEW




Info field → Information about the calculated route.
Tap on the field to select other information.

Rapid access menu → Offers faster access to specific functions.

Click on map: If you tap on a point on the map, the point is marked with a pin and the address or position is displayed.
If you tap on „Actions“, you could for example navigate to the marked point or save the position.

## DESTINATION ENTRY

On the main menu select „Destination Entry > Address“.
You can use the keypad which is shown to enter first the city, then the street and street number.

Confirm your entry for city, street and street number in each case by clicking on the right arrow and then on the „OK tick“ to start the route calculation. Alternatively, when it comes to entering the street, you can click on the middle button to be navigated to the city centre or to the middle of the street when entering the street number.

As well as entering an address, **other entry options are available** to you such as POIs, waypoints or coordinates.

## SAVE POSITION

Do you want to find a specific location again at a later date?
Then you can save this location as a waypoint. This will allow you to navigate there again very easily at a later date.

To do this, on the main menu choose „Save position“. Enter a name and tap on the „OK tick“.

In outdoor mode, the position is saved as a waypoint. You will find the waypoints on the main menu in the **„Waypoint Manager“**.

## ROUTE OPTIONS

Create your own individual route by adjusting the route options to your needs. You can set the route options after every destination entry.
Or you tap on the main menu on „Settings > Route Options“.

First select the **means of transport** (bicycle or pedestrian).
Tap on **„Next“**.

Now specify **the type** of route:

- Easy → gives preference to routes with inclines of 0-4%
- Sporty → gives preference to routes with inclines of 4-8%
- Short → calculates the shortest route to the destination, regardless of inclines
- Linear distance → shows a straight line towards the destination starting from your current position

Tap on „Next“.
Choose the modes of **transport** that you want to use, prefer or avoid on the route, for example steep gradients, via ferrata or hiking trails.

Confirm your selection with „Done“.

After the route calculation, you have the following options:

- Calculates two alternative routes
- Change the route options
- Shows the altitude profile for the calculated route
- Shows information about the route

Via „Bus&Train“ you can have a Bus&Train connection calculated.
„Navigation“ starts the routing.